

PATENT

MULTIPLE GLAZING ELEMENT WITH SOUND AND HEAT INSULATION PROPERTIES.

ABSTRACT

A multiple glazing element (1) comprising at least one pane of laminated glass (10) consisting of two glass sheets (11, 12) which each have a thickness lying between 1.5 and 2.5 mm, and a single thickness glass pane (20) which has a thickness lying between 3 and 5 mm, the weight of the glazing element being at least 30% less than the weight of an insulating glazing element that comprises at least two single thickness glass sheets separated by a layer of gas having the same thickness as that of the multiple glazing element (1), with a difference of sound reduction index between the multiple glazing element and the insulating glazing element not exceeding 3 dB.

Fig. 1